

The block diagram of the portable electronic device 100 shows the following components and their interconnections:

- Optical Input Path:** Light enters through a lens (1) and a narrow slit (11a) into a light guide (2). The light guide (2) is connected to an A/D conversion circuit (3).
- Processing and Storage:** The A/D conversion circuit (3) outputs data to a memory for image (4). Both the A/D conversion circuit (3) and the memory for image (4) are connected to the MPU (5). The MPU (5) is also connected to nonvolatile memory (6).
- Power and Interface:** The MPU (5) is connected to a power supply (7) and an interface (8).
- Display and Control:** The MPU (5) controls an image display device (9) and a sensor (14). The image display device (9) is connected to the MPU (5) and the sensor (14). The sensor (14) is connected to the MPU (5) and the image display device (9).
- External Connections:** The MPU (5) is connected to an electronic flash unit (13) and a nonvolatile memory (6).
- Other Components:** A switch (10) is connected to the MPU (5) and the image display device (9). A connector (20) is connected to the MPU (5) and the image display device (9). A small component (21) is connected to the connector (20).

FIG. 3

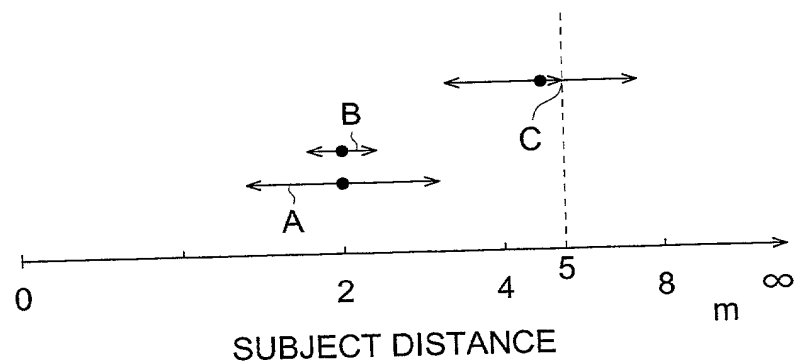


FIG. 4

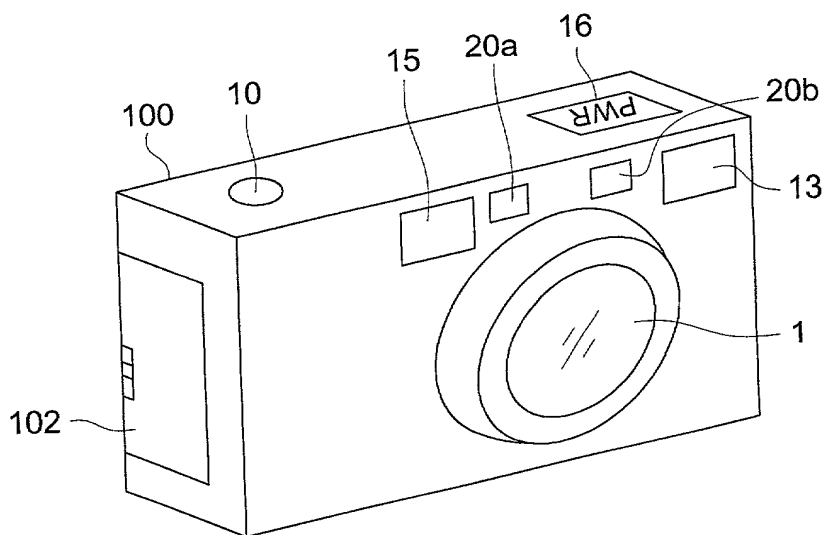


FIG. 5

